

What is claimed is:

1. A method of using a computer system to assist a worker in deciding whether to accept a work item, the  
5 method comprising:

storing reception information representing a work request received from a client in a memory device of the computer system;

10 extracting work items which have not been accepted by the worker from the reception information and sending the extracted work items to a worker terminal used by the worker;

15 receiving acceptance information corresponding to work items selected by the worker from the unaccepted work items; and

storing information on the worker in the memory device based on the acceptance information.

2. A method of using a computer system to assist a worker who goes to a work place to perform work, in deciding whether to accept a work item, the method comprising:

storing reception information representing a work request received from a client in a memory device;

25 sending work items in the reception information, which have not been accepted by the worker, to a worker terminal used by the worker;

receiving acceptance information corresponding to work items selected by the worker from the unaccepted work  
30 items; and

storing information on the worker in the memory device based on the acceptance information.

3. The method according to claim 2, further comprising sending necessary-part information including identifiers for parts necessary for a work item discriminated from the reception information and a quantity 5 of the necessary parts to either the worker terminal or a transport person terminal used by a transport person who transports parts to the work place.

4. The method according to claim 3, further including 10 discriminating necessary parts and a work method required for a work item based on the reception information, wherein the information on the worker is equivalent to the necessary-part information and the work method.

15 5. The method according to claim 2, wherein the reception information includes a progress identifier indicating a work status of the worker and the method further includes:

extracting work items including the progress 20 identifier before acceptance from the reception information; and

sending the work items including the progress identifier before acceptance to the worker terminal.

25 6. The method according to claim 2, wherein the work items to be sent to the worker terminal includes at least one of information on a type of a machine to be a work target, information on a time length expected to be needed for a work item, information on a designated worker, 30 information on whether a work item is urgent or not, and information on parts to be transported by a transport person.

7. The method according to claim 2, further including sending information capable of specifying a location of a worker and a work place, acquired by a position detecting mechanism, to the worker terminal.

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8. The method according to claim 2, further comprising a worker identifier, which is an identifier of the worker who has sent the acceptance information into the reception information.

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9. The method according to claim 2, further comprising setting a progress identifier for the worker stored in the reception information based on acceptance information as having been received.

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10. The method according to claim 2, further comprising sending received-part information on parts transported by a transport person and received by the worker at the work place, to the computer system from the 20 worker terminal.

11. The method according to claim 10, further comprising updating carried-part information on parts carried by the worker and transported-part information on 25 parts carried by the transport person with the received-part information.

12. The method according to claim 10, wherein the received-part information is information corresponding to 30 received parts selected from necessary-part information sent to the terminal used by the worker and is sent from the worker terminal and received by the computer system.

13. The method according to claim 2, further comprising:

receiving information on work subject matter and used-part information on parts used in a task, sent from the worker terminal, by the computer system at a time when the work is done; and

5 updating the carried-part information, which is information on parts carried by the worker, by the computer system with used-part information.

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14. The method according to claim 13, wherein the used-part information is information corresponding to used parts selected from information on necessary parts sent to the terminal used by the worker.

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15. The method according to claim 2, further comprising setting a progress identifier for the worker stored in the work reception information as indicating completion of a task by receiving work-completion 20 information sent from the worker terminal when the work is done.

25 16. The method according to claim 2, further comprising sending work technique information on a work method to the worker terminal in response to a work technique information request sent from the terminal used by the worker.

30 17. The method according to claim 2, wherein the reception information is classified into a category to which the worker belongs and stored in the memory device, and work items are extracted from the reception information corresponding to the category to which the worker belongs

and is sent to the worker terminal.

18. The method according to claim 2, wherein ranking  
of individual work items for displaying the individual work  
5 items arranged on the worker terminal is carried out based  
on priority information corresponding to the reception  
information.

10 19. The method according to claim 18, wherein the  
ranked individual work items are arranged based on the  
ranking and the arranged individual work items are sent to  
the worker terminal.

15 20. The method according to claim 2, further  
comprising sending goods information including an  
identifier of goods discriminated by the reception  
information, to at least either the worker terminal or a  
transport person terminal.

20 21. The method according to claim 3, wherein the  
necessary-part information is output by an output device  
connected to the terminal used by the transport person.

25 22. The method according to claim 3, wherein the  
necessary-part information or information on used parts is  
output by an output device connected to the worker terminal.

30 23. A computer recording medium having recorded  
computer program instructions which assist a worker in  
deciding whether to accept a work item when executed by a  
computer system, the computer program instructions having a  
plurality of steps for execution by the computer system and  
comprising:

storing reception information representing a work request received from a client;

extracting work items which have not been accepted by a worker in charge of a work from the reception  
5 information;

sending the extracted work items to a worker terminal used by the worker;

receiving acceptance information corresponding to work items selected by the worker and sent from the worker  
10 terminal; and

storing information on the worker in a memory device based on the acceptance information.

24. A computer recording medium on which computer program instructions are recorded and which are used to assist a worker who goes to a work place and to perform work, in deciding whether to accept a work item, the computer program instruction having a plurality of steps for execution by a computer system and comprising:

20 storing reception information representing a work request received from a client;

sending work items in the reception information which have not been accepted by a worker in charge of a work to a worker terminal used by the worker;

25 receiving acceptance information corresponding to work items selected by the worker and sent from the worker terminal; and

storing information on the worker in a memory device based on the acceptance information.

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25. The computer recording medium according to claim 24, wherein the computer program instructions further comprise sending necessary-part information including

identifiers for parts necessary for a work item  
discriminated from the reception information and a quantity  
of the necessary parts to either the terminal used by the  
worker or a transport person terminal used by a transport  
5 person who transports parts to the work place.

26. The computer recording medium according to claim  
24, wherein the computer program instructions further  
comprise discriminating necessary parts and a work method  
10 required for a work item based on the reception information  
and storing the necessary-part information and information  
on the work method in the memory device, at the stage of  
storing the reception information.